

Arizona Silver Belt.

Saturday, July 30, 1881.

A Western lawyer included in his bill against his client. To waking up in the night and thinking about your case. \$6."

THE GEOGRAPHICAL SOCIETY OF THE PACIFIC.—This society has been formed at San Francisco, to encourage geographical discovery and exploration on the Pacific coast.—*Engineering and R. Journal*.

GLORIOUS LIGHTNING.—A remarkable phenomenon of the nature of globular lightning was observed in August last by M. Treut during a thunderstorm. A very bright, somewhat elongated ball passed out of a dark cloud and into again at another place; but just before disappearing it gave on a little arms substance, which fell vertically like a body having weight. The falling body, which left a luminous track, divided, and was extinguished a little above the top of the houses. Another phenomenon, which M. Treut has observed frequently, but which does not seem to have been before described, is that of a weakly luminous band or sheet appearing momentarily in a street during a thunderstorm.

What is Steel?

Blasted steel is made by causing the carbon of charcoal to penetrate iron in a heated state.

German steel is blister steel rolled down into bars.

Sheet steel is made by hammering blister steel.

Double-blister steel is made by cutting up blister and putting it together and hammering again.

Crucible steel is made by melting in a pot, blistered and wrought from or un-wrought iron and charcoal and scrap.

Bessemer steel is made by blowing air through cast iron, burning the silicon carbons.

Open hearth steel is made by melting pig iron and mixing wrought iron, or scrap steel or iron ore to reduce the silicon and carbon.—*Philadelphia M. B. & A. Journal*.

AS IRON RAINS.—It is reported from Catania, in Sicily, that on the morning of March 26 last, a light rain of ferruginous sand began to fall there, and continued for twenty-four hours. The sky was covered with clouds, and the barometer rose sensibly under a strong northeast wind. A thunderstorm was anticipated, but only a few drops fell, leaving on objects small spots of a reddish-yellow color. All day a kind of fog hung in the air, causing pain to the eyes. Next day the leaves of the trees were covered with a fine powder, like talc dust. S. Ercole found this substance composed of fine fragments of carbonate of iron, of irregular angular or spherical form. Very strong southwest winds had blown for several days previously.

PROTECTIVE COATING TO STEEL.—At the meeting of the Physical Society, it was the general opinion of all the speakers that the color of the surface of tempered steel depends on the temperature, and is due to the film or skin of oxide; the blue film signifying a higher temperature than the yellow, as well as a thicker coating; and Professor Hughes has demonstrated that the electric resistance increases with the temperature. Professor Guthrie furnished a novel illustration of metallic skins by the exhibition of a steel chain to which he had given a beautiful blue-black protective coating by simply dipping it in melted nitrate of potash or common niter. The process was discovered accidentally, and as the bloom improves the appearance of the metal, it will probably be applied to utensils of iron and fancy articles.—*Engineering and M. Journal*.

How Drink Affected Him.

The bar-keeper was about to close up. He had said so several times, and had put out all the lights but one. Only a stranger remained—a dark, sedate man, who sat drowsily on a stool, and kept his thumbs revolving around each other like white mice turning a wheel.

When the coast was clear he walked up to the bar and said softly:

"May I whisper a word in your ear?"

"You may, master, if you will be quick about it," replied the barkeeper with his hand on the lamp screen.

"I want you to fill me a flask of your best whisky for family sickness," said the stranger drawing out an ancient wallet with twenty fathoms of leather string wound around it; a well-worn wallet that looked as if all the waves and billows of bad luck had beat upon it, gone over and through it, and flattened it, and washed it out clean.

The bar man filled him up a pint, shoved down the cork until it fairly squeaked, wiped the bottle dry, and set it upon the counter.

"The air is getting a little trish," so-called the stranger. "Would you have any objections to my taking a little refresher from my flask?"

He alighted the number quite full, took it as he did paretors in the days of his infancy, and then remarked:

"Perhaps on the whole, as the night has far waned, and my family are on their spiral springs' ends in their trundles, you had better put my bottle away on the upper shelf, and when Phœbus Apollo begins to enter his golden prancers along the avenues of the purpling east, I will call for it, and you may then assess me the appropriate amount of ducats."

The barkeeper sprang over the bar and began to kick him.

"What?" he said, sweetly, "you kick me after I have drunk? Don't you know better than that? Kick me with both feet—I cannot feel you even then. Before I took that glass if you had bet shook your fist at me you would have wounded me—hurt me; but now I scorn the physical punishment. Good night," said he, as he stood on the doorstop. "I see by the shadow on the sidewalk that you have kicked me again. You should remember my invincible publican, what the dear old poet said: 'Fate cannot harm me now; I have dined to-day.' So say I. I have drunk to-night. Good night, invernes! How much the sparkling firmament looks like a far-off city, lit up for a festal night! Farewell! I shall see you later."—*President Journal*.

J. LIBERMAN & CO.

WHOLESALE & RETAIL DEALERS IN GENERAL MERCANDISE

AND

Commission Merchants

WILCOX, A. T.—Freight forwarded to Camp Grant and Thomas, Dos Cabezas, Globe, Safford, Pueblo Viejo, and all points supplied from Wilcox, Silver City, Clinton, (A. T.) and all points in New Mexico to be supplied from Lordsburg.

"CARE OF J. L. & CO." WILCOX OR LORDSBURG. (Nov. 6)

A. V. STOUT, CLINTON E. FISK, CHAS. A. FISKE, GLOBE, A. T.

Stout, Fisk & Co.

BANKERS.

Globe, Arizona.

CORRESPONDENTS:

National Shoe & Leather Bank.

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Bank of California.

Wells, Fargo & Co., San Francisco, Cal.

Safford, Hudson & Co.—Tucson, Arizona.

Dec. 4-8

Importers and Dealers in

Plug Tobacco,

Havana Cigars,

Domestic and

HAVANA LEAF.

Manufacturers of

DOMESTIC CIGARS.

All orders carefully and promptly attended to.

July 24-1

THE WEST INDIA MANUFACTURING COMPANY.

PROPRIETORS OF THE WEST INDIA.

Stomach Bitters,

No. 26, 8th Second Street, SAINT LOUIS, MISSOURI.

This great tonic has been introduced to the people of the Mississippi Valley for the past thirteen years, with unabated success and popularity.

There is nothing of the kind extant that equals it as a stimulant, an antifever, or anti-dyspeptic. It is particularly adapted to unhealthy districts, and as a PREVENTATIVE OF CHILLS & FEVER is not surpassed.

It is endorsed by the best chemists in the most of the strongest strengtheners. True this country has ever produced, the quality of which will be recognized by all.

Private citizens of Arico visiting St. Louis have expressed their conclusions that it is peculiarly adapted to the wants of that Territory, and needs only a trial to insure its speedy introduction there.

Orders addressed to THE WEST INDIA MANUFACTURING COMPANY will be promptly executed.

Dec. 13-4

W. H. FISKE,

... HAS OPENED A...

New Gunsmith Shop

Next Door to Pascoe House.

Has a full and complete assortment of Hunting and Sporting Goods, such as

Rifles, Pistols, Shotguns, etc.

all sizes of Cartridges, Ammunition of every description. Repairing of firearms a specialty. Locksmithing, Sewing Machines repaired, knives and scissors sharpened, saw filed, and in fact all kinds of Job Work done with neatness and despatch.

AT LIVING RATES.

O. K.

CORRAL

CHANGE OF PROPRIETORSHIP.

The subscriber has leased the above Corral and is prepared to give owners of Stock left in his care.

PERFECT SATISFACTION.

He will keep a herd under careful men.

SADDLE HORSES

Always on Hand.

BUGGIES have been ordered from San Francisco.

STYLISH OUTFITS

At Living Prices.

REMEMBER the O. K. Corral on One Street, Globe, A. T.

P. C. ROBERTSON.

BUCKALEW

JOSEPH M. OCHOA

BUCKALEW & OCHOA.

FORWARDING AND

Commission Merchants,

Wilcox, Arizona.

Freighters and Dealers in Groceries of all Descriptions, and Produce,

CASA GRANDE, A. T.

Also at Our

FLORENCE HOUSE,

Will be found a full stock of

Dry Goods, Boots and Shoes, Hardware, Groceries of all kinds, Lumber,

GRAIN & FLOUR

Our prices are lower than the greatest, and we keep only first class goods. Close buyers will find it to their advantage to give us a call. We guarantee satisfaction.

CONSIGNMENTS in our care shall have Special Attention.

Mark goods "Care of B. & O." Casa Grande.

Oct. 10-1

S. KLEIN,

San Francisco.

BAUERSTEIN,

Globe.

Tucson Advertisements.

Lord & Williams

TUCSON, ARIZONA.

Dealers in

General Merchandise,

Prints, Lienzos, Dress Goods, Boot, Shoes,

Clothing and

Farming Implements

of all kinds, also a full line of Seeds and

Fancy Groceries including canned

goods of every description.

Sole Agents in Southern Arizona for

The CELEBRATED A. NEUSER BEER.

Liquors, and Cigars of the best and most

popular brands always in stock. Especial attention is called to our

MILL & MINING SUPPLIES

Which are the most complete in the Territory, also large quantities of salt suitable for

Mining and Dairy Purposes

Parties desiring to make

Contracts for Lumber

Will find it to their advantage to communicate with us before going elsewhere.

dec. 6-1

Tully, Ochoa & Co.

Dealers in all kinds of

General Merchandise

Will find it to their advantage to communicate with us before going elsewhere.

dec. 6-1

Make a Special Business to

Outfit Miners, Freighters

and Stockmen.

Keep the best stock of all kinds of

Wagon Material

And wagon for sale. (dec. 6-1)

A. P. KNOX, JAMES B. TOLLEY, CHAS. H. HOMER.

Safford, Hudson & Co.

BANKERS.

TUCSON, ARIZONA.

Deposits accounts received in currency or coin subject to check at sight.

Certificates of Deposit issued, payable on demand, for amounts ranging from \$100 to \$10,000.

Exchange drawn, in sums small, on New York, St. Louis, Chicago and San Francisco, or transfer of funds made by telegraph. Deposits made with our correspondents will be credited to parties here, upon presentation of their checks.

Will purchase or make advances on Gold or Silver Bullion, Territorial and County Bonds and Warrants, and other Government paper, etc.

Indorsements, etc., will be given, and a prompt and faithful execution of our correspondents' orders will be given to them.

Collection promptly made and remitted as directed.

Notice of Peril.

Notice is hereby given that the firm of

Knox & McNelly in this day dissolved by mutual consent.

The firm is requested to make payment to W. T. McNelly, and all accounts must be presented to him.

F. B. KNOX.

W. T. MCNELLY.

Globe, June 4, 1881.

In conjunction with the above I herby leave to inform the public that I will continue the business as myself in the old stand, and solicit a continuation of the patronage so nobly bestowed upon the old firm.